

TYPE 245 1.1kV/1.1kV CABLES Acc. AS/NZS 1802



TECHNICAL DATA

- Max. Operating Temperature: 90°C
- Max. Short Circuit Temperature: (max. 5 sec.) 250°C
- Permanent Tensile Force: 15 N/mm²
- Production Standard: 1802, AS/NZS 1125, AS/NZS 3808, AS/NZS 5000.1

CONSTRUCTION

Conductor: Electrolytic, stranded tinned Class 6 copper wire
AS/NZS 1125

Separator: Semiconducting layer over power conductors
3.3/3.3kV and above types and over earth conductors
of all types

Insulation: Power and pilot cores are insulated with R-EP-90
(acc. to AS/NZS 3808). Earth cores not insulated

Separator: Semiconducting layer over power core insulations

Layup: Cores are laid up over a semiconducting cradle with
one pilot core in the center and without contacting each other,
but in contact with interstitial earth cores

Bedding: Semiconducting elastomeric compound

Separator: Open weave braid for reinforcement

Outer Sheath: Heavy-duty elastomer outer sheath
(acc. to AS/NZS 3808)

CODE of CABLE

- TYPE 245

NOTE: These cables should not be installed at temperatures below -40°C or above 80°C

INTRODUCTION

Type 245 cables are mainly used as long wall shearer cables, and also for continuous miners and peripheral long wall cables. These cables are suitable to apply in mines where explosive gasses and dust can accumulate.

SECTION RANGE

- From 50mm² up to 150mm²

CONDUCTOR QUANTITY

- Three phase cores and three interstitial earth cores laid up around a semi conductive cradle containing three pilot cores. All cores are screened by semi conductive filler as well. Contains open weave braid reinforcement layer.

COLOUR CODE of CABLE

- Insulation Colour code could be according to the International Standards or customer's request/demand.